



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Schultz et al.  
Serial No: 10/090,470  
For: ILLUMINATION SYSTEM, PARTICULARLY FOR EUV  
LITHOGRAPHY  
Filed: March 4, 2002  
Examiner: Therese Barber  
Art Unit: 2882 Docket No.: 637.0005USXQ  
Customer No. 27623

**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants received a Notice of Allowance dated September 9, 2003, Confirmation No. 5139, for the present application. The Notice of Allowance was accompanied by a Notice of Allowability dated September 4, 2003.

The Notice of Allowability includes a cover sheet where item no. 2 indicates that the allowed claims are 30 through 58. Also, on page 3, section 5 refers to a subset of the claims, namely claims 30 through 44, as being allowable. Applicants wish to clarify, and confirm, that claim 32 is canceled, and that the allowed claims are 30, 31 and 33 through 58.

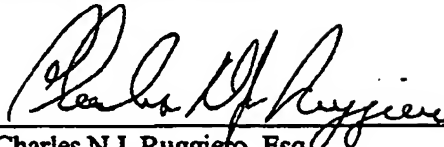
The Examiner's statement of reasons for allowance, in several places on pages 4 through 6 of the Notice of Allowability, uses the term "whereby" when describing the claims. Applicants wish to

clarify that none of the claims recite the term "whereby".

Respectfully submitted,

Dec. 1, 2003

Date



Charles N.J. Ruggiero, Esq.

Reg. No. 28,468

Attorney for the Applicants

Ohlandt, Greeley, Ruggiero & Perle, L.L.P.

One Landmark Square, 10<sup>th</sup> Floor

Stamford, CT 06901-2682

Tel: 203-327-4500

Fax: 203-327-6401

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with a payable fee(s), to: **Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**Alexandria, Virginia 22313-1450**  
 or **Fax (703) 746-4000**

**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)  
 7590 09/09/2003

**CHARLES N.J. RUGGIERO, ESQ.**  
**OHLANDT, GREELEY, RUGGIERO & PERLE, L.L.P.**  
**ONE LANDMARK SQUARE, 10th FLOOR**  
**STAMFORD, CT 06901-2682**



Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

**Mary R. Charles**

(Depositor's name)

*Mary Charles*

(Signature)

**December 9, 2003**

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/090,470	03/04/2002	Jorg Schultz	637.0005USXQ	5139

TITLE OF INVENTION: ILLUMINATION SYSTEM, PARTICULARLY FOR EUV LITHOGRAPHY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	12/09/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
BARBER, THERESE	2882	378-034000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Ohlandt, Greeley,

2. Ruggiero & Perle, LLP

3. \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**Carl-Zeiss-Stiftung Trading as**  
**Carl Zeiss**

**Fed Rep Germany**

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee
- ☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by check to request deposit of credit any overpayment Deposit Account Number 01-0467 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

*Charles N.J. Ruggiero* 12/9/03

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

12/12/2003 HVDWNG2 00000068 010467 10090470

01 FC:1504

02 FC:1501

03 FC:8001

30.00 DA

300.00 OP

1330.00 OP



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT TRANSMITTAL FORM

Applicant(s): Schultz et al.  
Serial No.: 10/090,470  
Filed: March 4, 2002  
For: ILLUMINATION SYSTEM, PARTICULARLY FOR EUV LITHOGRAPHY  
Art Unit: 2882  
Examiner: T. Barber  
Customer No.: 27623 Attorney Docket No.: 637.0005USXQ

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We are enclosing:

1. PTO Form 1449 with copies of two articles previously submitted with an Information Disclosure Statement (IDS) filed on May 13, 2002;
2. Copy of return receipt submitted with IDS and references on May 13, 2002, which has been stamped by the USPTO;
3. An Issue Fee Transmittal;
4. Amendment under 37 CFR 1.312;
5. Comments on Statement of Reasons for Allowance;
6. Firm check in the amount of \$1,630.00;
7. Transmittal letter in duplicate; and
8. Postcard.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: December 9, 2003

Charles N.J. Ruggiero  
Reg. No. 28,468  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10<sup>th</sup> Floor  
Stamford, Connecticut 06901-2682  
(203) 327-4500

**CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP ISSUE FEE, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON DECEMBER 9, 2003.

Mary R. Charles  
NAME

Mary R. Charles  
SIGNATURE



# RECEIPT OF TRANSMITTED DOCUMENTS

PATENT OFFICE MAIL ROOM: Please place the Mail Room Date Stamp on this card to indicate receipt by the U.S. PTO of the paper(s) identified below and return card to sender.

APPLICATION S.N.: 101090470 FILED March 4, 2002 1P

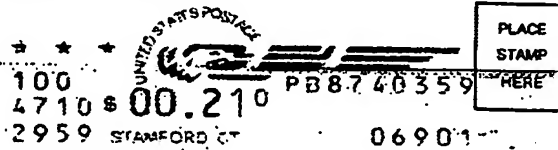
ATTORNEY DOCKET NO. 637.0005USXG

TYPE OF PAPER:

Amendment ☐ Brief ☐ Maintenance Fee ☐ Appeal Board's Decision ☐  
Issue Fee ☐ MAY 28 2002 ☐ FILED ☐ Formal Drawings ☐ Notice of Appeal ☐  
Certified Copy ☐ Terminal Disclaimer ☐ Request for Recon. ☐ References (IDS) ☐  
Preliminary Amendment ☐ Certificate of Corr. ☐ Request for Ext. of Time ☐  
Petition ☐ Missing Parts ☐ 132 Declaration ☐ Transmittal Letter (in duplicate) ☐  
Rule 53(d) Continuation (CPA) ☐ Assignment w/enc. Cover Sheet ☐  
Other: Information Disclosure Statement

A Check drawn in the amount of \$ \_\_\_\_\_ is also attached hereto.

Mailed May 13, 2002 ☒ COM ☐ COEM



Ohlandt, Greeley, Ruggiero & Perle  
One Landmark Square, 10th Floor  
Stamford, CT 06901-2682